

ORIGINAL



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BEFORE THE ARIZONA POWER PLANT
AND TRANSMISSION LINE SITING COMMITTEE

IN THE MATTER OF THE APPLICATION OF
UNS ELECTRIC, INC. FOR A CERTIFICATE
OF ENVIRONMENTAL COMPATIBILITY
FOR THE VAIL TO VALENCIA 115 KV TO
138 KV TRANSMISSION LINE UPGRADE
PROJECT, ORIGINATING AT THE EXISTING
VAIL SUBSTATION IN SEC. 4, T.16S., R.15E.,
PIMA COUNTY, TO THE EXISTING
VALENCIA SUBSTATION IN SEC. 5, T. 24S.,
R.14E., IN THE CITY OF NOGALES, SANTA
CRUZ COUNTY, ARIZONA.

Docket No. L-00000F-09-0190-00144

Case No. 144

NOTICE OF FILING REVISED LEGAL
DESCRIPTION

UNS Electric, Inc. ("UNS Electric" or "Company"), through undersigned counsel, hereby
submits a revised legal description conforming to the route the Commission ultimately approved
for the Project in Decision No. 71282 (October 7, 2009).

RESPECTFULLY SUBMITTED this 13th day of October 2009.

UNS ELECTRIC, INC.

By

J. Matthew Derstine
Jason D. Gellman
ROSHKA DEWULF & PATTEN, PLC
One Arizona Center
400 East Van Buren, Suite 800
Phoenix, Arizona 85004
(602)256-6100

Arizona Corporation Commission

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1 Original and 25 copies filed
2 this 13th day of October 2009, with:

3 Docket Control
4 ARIZONA CORPORATION COMMISSION
5 1200 West Washington Street
6 Phoenix, Arizona 85007

7 A copy of the foregoing was hand-delivered
8 this 13th day of October 2009 to:

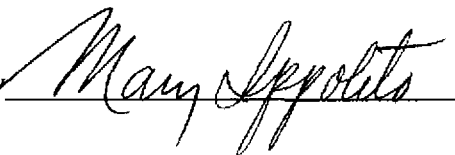
9 Chairman John Foreman
10 Arizona Power Plant and Transmission Line Siting Committee
11 Arizona Attorney General Office
12 1275 West Washington Street
13 Phoenix, Arizona 85007

14 Janice M. Alward, Esq.
15 Chief Counsel, Legal Division
16 Arizona Corporation Commission
17 1200 West Washington Street
18 Phoenix, Arizona 85007

19 Ernest G. Johnson
20 Director, Utilities Division
21 Arizona Corporation Commission
22 1200 West Washington Street
23 Phoenix, Arizona 85007

24 Elizabeth Buchroeder-Webb
25 17451 E. Hilton Ranch Rd.
26 Vail, Arizona 85641

27 Marshall Magruder
P. O. Box 1267
Tubac, Arizona 85646-1267

By 

EXHIBIT

“A”

Exhibit A

A transmission line corridor of 500' width except where noted, with the centerline, as determined from Arizona State Plane Coordinate mapping, more particularly described as follows:

Beginning at **Vail Substation**, at grid coordinate (X) 1041085.39, (Y) 391274.36, of Central Zone of Arizona State Plane Coordinate System 1983, and to which National Geodetic Survey point PUMP (PID - CZ0252) bears South 42 degrees 20 minutes 38 seconds West, 4,870.50 feet;

thence North 88 degrees 44 minutes 54 seconds West, 307.61 feet;

thence North 60 degrees 17 minutes 58 seconds West, 1,037.36 feet;

thence North 00 degrees 07 minutes 58 seconds West, 1,017.67 feet;

thence South 89 degrees 32 minutes 32 seconds West, 11,891.07 feet;

thence South 05 degrees 40 minutes 55 seconds West, 1,744.96 feet;

thence South 00 degrees 34 minutes 52 seconds East, 6,224.41 feet to a point in **Nogales Tap Substation**;

thence South 00 degrees 34 minutes 52 seconds East, 50,753.00 feet;

thence South 34 degrees 21 minutes 34 seconds West, 95,891.68 feet;

thence South 88 degrees 34 minutes 55 seconds West, 121.34 feet to a point in **Kantor Substation**;

thence South 03 degrees 13 minutes 57 seconds East, 158.25 feet;

thence South 21 degrees 14 minutes 55 seconds East, 22,453.78 feet;

thence South 00 degrees 29 minutes 36 seconds East, 9,011.69 feet;

thence South 19 degrees 02 minutes 10 seconds West, 1,725.59 feet;

thence South 00 degrees 29 minutes 28 seconds East, 12,408.16 feet;

thence South 12 degrees 35 minutes 44 seconds East, 2,722.98 feet;

thence South 00 degrees 28 minutes 50 seconds East, 13,826.04 feet;

thence South 56 degrees 02 minutes 44 seconds West, 1,075.87 feet to a point 50 feet easterly of the UPRR right-of-way, and the beginning of a non-tangent curve concave to the southwest, having a radius of 5,878.84 feet, and to which a radial line bears North 47 degrees 57 minutes 51 seconds East;

thence southeasterly 2,377.22 feet along said curve and 50 feet easterly of the UPRR right-of-way through a central angle of 23 degrees 10 minutes 07 seconds;

thence continuing 50 feet easterly of the UPRR right-of-way, South 18 degrees 52 minutes 02 seconds East, 1,543.32 feet;

thence South 71 degrees 07 minutes 58 seconds West, 225.00 feet to a point 25 feet westerly of the UPRR right-of-way;

1 thence continuing 25 feet westerly of the UPRR right-of-way, South 18 degrees 52 minutes 02 seconds
East, 4,314.74 feet;

2 thence North 71 degrees 07 minutes 58 seconds East, 225.00 feet to a point 50 feet easterly of the UPRR
right-of-way and 147 feet westerly of the west side of **Cañez Substation**;

3 thence continuing 50 feet easterly of the UPRR right-of-way, South 18 degrees 52 minutes 02 seconds
4 East, 12,393.38 feet to the beginning of a curve concave to the northeast and having a radius of 5,528.78
feet;

5 thence southeasterly 3,957.08 feet along said curve and 50 feet easterly of the UPRR right-of-way through
6 a central angle of 41 degrees 00 minutes 29 seconds;

7 thence continuing 50 feet easterly of the UPRR right-of-way, South 59 degrees 52 minutes 30 seconds
East, 1,386.97 feet;

8 thence North 64 degrees 22 minutes 52 seconds East, 1,307.16 feet to a point 63 feet southerly of the
9 south side of **Sonoita Substation**;

10 thence South 25 degrees 54 minutes 45 seconds East, 2,434.49 feet;

11 thence South 18 degrees 53 minutes 51 seconds East, 6,598.53 feet;

12 thence South 37 degrees 22 minutes 02 seconds East, 6,610.08 feet;

13 thence South 00 degrees 35 minutes 23 seconds East, 7,555.17 feet;

14 thence South 30 degrees 26 minutes 05 seconds West, 1,143.95 feet;

15 thence South 03 degrees 55 minutes 22 seconds East, 3,724.62 feet;

16 thence South 17 degrees 58 minutes 34 seconds East, 3,169.01 feet;

17 thence South 79 degrees 39 minutes 56 seconds East, 1,303.27 feet;

18 thence South 43 degrees 47 minutes 11 seconds East, 1,683.12 feet;

19 thence South 04 degrees 49 minutes 19 seconds West, 1,849.85 feet;

20 thence South 00 degrees 35 minutes 14 seconds East, 3,400.89 feet;

21 thence within a 1250'-wide corridor, North 89 degrees 40 minutes 24 seconds East, 1,285.80 feet;

22 thence continuing in a 500'-wide corridor, South 01 degrees 13 minutes 18 seconds East, 2,106.57 feet;

23 thence North 88 degrees 43 minutes 12 seconds East, 2,191.97 feet to the terminus of said centerline at
24 **Valencia Substation**, at grid coordinate (X) 1007459.01, (Y) 133493.23, of said Central Zone, and to
which National Geodetic Survey point M423 (PID – CG0883) bears South 23 degrees 09 minutes 01
seconds East, 34,502.53 feet.

25 Said centerline is 57.80 miles in length, more or less.
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